

Annie S Dookhan**Country of
Citizenship:** United States**Veterans'
Preference:** No**Registered for
Selective Service:** I am a female, and therefore I am exempt from registering with the Selective Service**Availability:** **Job Type:** Permanent
Work Schedule: Full-Time

Work Experience: **Department of Public Health - Drug Analysis Lab** **11/2003 - Present**
305 South Street
Room: 362
Boston, MA 02130 US
Salary:
48,000.00 USD Per
Year
**Hours per
week:** 37

Chemist I, II**Supervisor:** Charles Salemi (617-983-6629)**Okay to contact this Supervisor:** Contact me first

Performs routine chemical identification of illicit drugs using standard operating procedures to determine violations of harmful and narcotic drug laws.

Write the Standard Operating Procedures (SOPs) and Protocols for the Drug Analysis Laboratory.

Trained in the use and interpretation of complex analytical instrumentation, microscopes, and balances for the purpose of drug analysis.

Performed qualitative and quantitative analysis on illicit drugs.

Preventative maintenance and repairs of analytical instruments.

Perform and responsible for the Quality Control and Quality Assurance of analytical instruments, reagents and standards/controls.

Assisted in training new chemists for the department.

Qualified as an expert witness in Massachusetts Courts and U.S. District Court.

Cooperate with evidence officer to ensure security and integrity of samples.

Follow standard operating procedures for handling chemical waste.

Appointed Assistant Analyst by the Assistant Commissioner of Public Health.

Notary Public.

UMMS-Massachusetts Biologic Laboratory305 South Street
Floor 8th
Boston, MA 02130 US**12/2001 - 11/2003****Salary:**
40,000.00 USD Per
Year
**Hours per
week:** 40**Quality Control Analyst I, II****Supervisor:** Aaron Weagle (000-000-0000)**Okay to contact this Supervisor:** Contact me first

Responsible for the analysis of raw material for both in-process and final formulation.

Conduct routine quality control analysis for the Food and Drug Administration (FDA).

Responsible for analysis of conductivity and pH of water, alcohol testing, BCA protein assay.

Writing, revising and reviewing the standard operating procedures (SOPs).

Trained in the use and interpretation of complex analytical instrumentation and balances for the purpose of QC analysis for product and validation projects.

Calibration, preventative maintenance, QC and QA of analytical instruments and

standards/controls.
 Qualitative and quantitative analysis for new material.
 Assisted in developing new test methods for assays and instruments.
 Trained and supervised new chemists and interns for the department.
 Complete testing of chemicals for Vendor Validation Project for the FDA.
 Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index
 PDR, etc references.
 Maintain the inventory of both chemical and instrumental supplies.
 Coordinated and order supplies for the department.

Brigham and Women's Hospital- Cardiac Surgery Unit
 75 Francis Street
 Boston, MA 02115 US

03/2000 - 01/2002

Salary:
 10.00 USD Per
 Hour
Hours per
week: 16

Unit Coordinator

Responsible for answering phones, taking patient's medical orders, scheduling appointments and tests.
 Maintaining and securing medical records.
 Preparing diet sheets and laboratory orders.
 Coordinating patient's admittance and discharges to the unit.
 Assisted medical staff (doctors, nurses, etc) with patients and medical charts.
 Responding to the needs of patients and their family members.
 Taking a proactive role in the efficient operation of the unit.
 Trained new employees.

Education: **University of Massachusetts** Boston, MA US
 Bachelor's Degree 05/2001

Major: Biochemistry **Minor:** Economics **Honors:** Cum Laude

**Job Related
 Training:**

Good Laboratory Practice/Good Manufacturing Practice (GLP/GMP)
 Quality Control/Quality Assurance (QC/QA)
 Gas Chromatography (GC)
 Headspace Sampler
 Gas Chromatography/Mass Spectrometry (GC/MS)
 High Power Liquid Chromatography (HPLC)
 High Power Liquid Chromatography/Mass Spectrometry (LC/MS)
 Fourier Transform Infrared Spectroscopy (FTIR)
 Ultraviolet-Visible Spectroscopy (UV-Vis)
 Total Organic Carbon Analyzer (TOC)
 ELISA assay
 Introduction to Forensic Drug Chemistry
 Chemical Spot Test and Mechanism for Drugs
 Forensic Mass Spectrometry with Interpretation
 Perspectives in Expert Testimony
 Ethics in Forensic Science
 Forensic Science 101: An Introduction
 Evidence Analysis
 Fundamentals of Forensic Questioned Documents
 Fundamentals of Forensic Toxicology
 Transition to Leadership

Affiliations: Northeastern Association for Forensic Science (NEAFS) - Regular
 American Chemical Society (ACS) - Regular

**Additional
 Information:** Ability to use Microsoft Office for Word, Excel, Power Point and Microsoft Visio.
 Ability to use and interpret various chemical references (ACS, USP, JP, BP, EP, AOAC,
 etc.)

Ability to learn new methods and techniques quickly and accurately.